

CORDIS, V.

Spectral determination of impurities in electrolytic and converter copper. Rev chimie Min petr 15 no. 1: 35-36 Ja '64.

1. Institutul de chimie al Academiei R. P. R., Filiala Cluj.

64949-65 3/T(c)/EMP(b)/EMP(t) IJP(c) JD/JG

ACCESSION NO AP5023464

RU 00000000

AUTHOR: Ripan, Raluca; Marcu, M.; Cordie, V.

ABSTRACT: (Authors' English summary modified.) The paper describes a new method for the determination of gold in samples. The extraction of gold and its subsequent analysis gives a relatively large amount of samples for spectral determination, removes interference by impurities. The method may be used for concentrations between 5×10^{-5} and 3.2×10^{-4} g/g, with an accuracy of $\pm 10\%$.

L: 64949-65

ACCESSION NR: AP5023464

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LITEANU, Candin; CORDOS, Emil

Iodometric method for the determination of cations. Pt. 3.
Studia Univ B-B S. Chem 7 no.2:117-120 '62.

LITEANU, Candin; CORDOS, Emil; POP, Maria

Rapid methods of analysis. Pt. 6. Studia Univ B-B S. Chem 7 no.2:
121-125 '62.

EXCERPTA MEDICA Sec 6 Vol 13/0 Internal Fed Sent 50

5015. INTESTINAL AND MESENTERIC INFARCT FOLLOWING TREATMENT WITH CORTISONE - Infarctare intestinală și mezenterică după tratament cu cortizon - Cordon G. and Dănilă T. Clin. II-a Chir., Lab. de Anat. Patol., Spital. Reg. Iași - REV. MED. - CHIR. IASI 1958, 62/3 (635-638)

: A patient aged 56 yr. following treatment with cortisone in a dose of 750 mg. had severe abdominal pains, nausea, vomiting and sanguinolent stools and died 48 hr. later. At post mortem, infarcts were found spread over the total length of the jejunum and ileum and on the colon. Microscopic examination showed fibrinous thrombi in most veins of the large and small intestine with necrosis of the suprajacent intestine as well as frequent microhaemorrhages by diapedesis in the brain, kidneys and intestine. The lesions are explained by the hypercoagulant action of cortisone.

RUMANIA

ENESCU, L., Lt-Col, Dr, ANGELESCU, I., Lt-Col, Dr, and CORDUN, G., Dr [affiliation not given]

"Considerations on the Renal Functional Modifications Produced Under the Influence of the Reflexogene Amydaline Zone."

Bucharest, Revista Sanitara Militara, Vol 59, No 3, May-Jun 63, pp 481-486.

Abstract: Describes the results of a study of 230 patients suffering from sub-acute or chronic amygdaline infections; points out that these infections were always accompanied by various degrees of renal disturbance, as manifested by lowered capacity to eliminate phenosulphonephthaline. Renal function was restored to normal in all cases after amygdalectomy. The importance of testing renal function in cases of amygdaline infections is stressed.

Includes 3 tables and 12 references, of which 2 French and 10 Rumanian.

CORDUN, Georgeta, dr.; ENESCU, L., dr.; ANGELESCU, I., dr.

Experimental morphopathological aspects produced by quantitative penicillin action. Med. inter., Bucur 13 no.6:903-906 Je '61.

1. Lucrare efectuata in Laboratorul de anatomie patologica al Spitalului "Dr. C.I.Parhon", Iasi si Laboratorul Spitalului Militar, Iasi.

(PENICILLIN toxicology)
(LIVER pharmacology)

(KIDNEY pharmacology)
(BLOOD VESSELS pharmacology)

L 33713-66 RO

ACC NR: AP6025155

SOURCE CODE: RU/0012/65/061/004/0583/0586

AUTHOR: Enescu, L. (Doctor; Lieutenant colonel); Angelescu, I. (Doctor; Lieutenant colonel); Cordun, G. (Doctor)

ORG: none

TITLE: Studies on the toxic effect and morphopathological changes produced by a synthetic hypotensive substance *22*

SOURCE: Revista sanitaramilitara, v. 61, no. 4, 1965, 583-586

TOPIC TAGS: mouse, toxicity, histology, pathology, muscle physiology, toxicology

ABSTRACT: Studying the toxic action of 4-sulphoramido-3-methylphenoxymethyl-imidazoline in mice, the authors found the toxic dose to be 2.15 grams per kilogram of body weight when administered intramuscularly and 8 grams per kilogram when administered orally. No significant histopathological changes were observed except for one case in which a picture of interstitial nephritis was observed. Changes in the muscle fibers were produced at the injection sites. [JPRS: 33,500]

SUB CODE: 06/ SUBM DATE: 27Oct64/ORIG REF: 006/ OTH REF: 002

Card 1/1 *PP*

RUMANIA

ANGELESCU, I., Dr, Lt-Col, ENESCU, L., Dr, Lt-Col, and CORDUN, G.,
Dr [affiliation not given]

"The Use of the Passive Hemagglutination Reaction for the Study of Antiamygdaline Autoantibodies as a Diagnostic Method for Infections of Amygdalian Foci."

Bucharest, Revista Sanitara Militara, Vol 62, No 2, Mar-Apr 66, pp 329-338.

Abstract: On the basis of a study involving 200 patients, the authors find the passive hemagglutination reaction as a method of studying the antiamygdaline autoantibodies a sensitive and specific diagnostic test. Extract of human tonsils from persons in blood group O1 was used as antigen; positive reactions were obtained in 98 percent of the cases involving amygdalian focus infection, while healthy persons, those suffering from other diseases, or those whose tonsils had been removed in childhood gave negative reactions.

Includes 3 tables and a bibliography with 31 entries, of which 19 Rumanian, 10 French and 2 English-language. -- Manuscript submitted 3 August 1965.

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CORDUNEANU, Adrian

Theorem of global existence for the differential systems with retardation argument. Studii mat Iasi 12 no.2:249-258 '61.

1. Universitatea din Iasi, Seminarul matematic "A. Myller."

CORDUNEANU, Adrian

Generalized characteristic exponents. Studii mat Iasi 12 no.2:
259-265 '61.

CORDUNEANU, Alice, prof.

Similitude of triangles. Gaz mat B 13 no.1:21-23 Ja. '62.

1. Sc. medie nr. 4, Iasi.

CORDUNEANU, C.

"A theorem of S. Banach", p. 39; "Journal on science issued by the Iasi Branch, Rumanian Academy; with French and Russian summaries. Quarterly". (STUDII SI CERCETARI STIINTIFICE, Vol 5, no. 1/2, Jan./June 1954, Filiala Iasi.)

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, No.5, May 1955, Uncl.

CORDUNEANU, C
N

Quasi-periodic solutions of nonlinear differential equations
of the second order. p. 793. ACADEMIA REPUBLICH POPULARE ROMANE
Rumania. Vol. 5, No. 5, May. 1955

East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 11, August 1956

CORDUNEANU, C.

Corduneanu, C. L'approximation et la stabilité des solutions des équations hyperboliques. Com. Acad. R. P. Roum 5 (1955), 21-26. (Romanian. Russian and French summaries)

L'auteur considère l'équation $Z_{xx} + AZ_x + BZ_y + CZ = D$ avec les conditions aux limites caractéristiques: $Z(x, 0) = f(x)$, $Z(0, y) = g(y)$ [$f(0) = g(0)$] (A, A_x, B, B_y, C, D, f et g continues dans un rectangle). Il met l'équation sous la forme $v_{xx} + av_x + cv = d$ avec $v(x, 0) = v(0, y) = 0$ et construit une solution par des fonctions approximantes dont les différences en y satisfont à une relation différentielle en x [méthode de Rothe pour les équations paraboliques, Math. Ann. 102 (1930), 650-670]. Des formules de limitation donnent des théorèmes de stabilité.

Y. Fournis-Bruhat (Princeton, N.J.).

1 - F/W

MS

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S:EEAL, LC, Vol. 5, No. 3, March 1956

Handwritten: 17/12/55
LORDAUCANU, C. La dépendance des solutions des équations hyperboliques par rapport aux coefficients et aux données sur les caractéristiques. Acad. Republica Romane, Bul. Sti. Ser. Sti. Mat. Fiz. 7 (1955), 313.

317. (Romanian. Russian and French summaries)

Après avoir donné un exemple où la solution du problème:

$$z_{xx} + a(x, y)z_x + b(x, y)z_y + c(x, y)z = d(x, y),$$

$$z(x, 0) = f(x), \quad z(0, y) = g(y)$$

ne dépend pas continuellement des données sur les caractéristiques $f(x)$ et $g(y)$, l'auteur montre qu'à de petits accroissements (dans le sens de la métrique de Tchebychev) de a, b, c, d, f et g correspondent de petits accroissements de $z(x, y)$ si les variations totales de $f(x)$ et $g(y)$, ou de a par rapport à x et de b par rapport à y , subissent aussi de petits accroissements.

Y. FOURÉ-BRUHAT.

Handwritten: 8/11/55

Next / Soluții Asimptotice Aproape Periodice ale
Ecuațiilor Diferențiale Neliniare de Ord-
nul al Doilea. C. Condușanu. Stud
Civ. Univ. July-Dec. 1976. p. 1-4
In Romanian. Quasi-periodic asympt-
otic solutions of nonlinear differential
equations of second order.

CORDUNEANU, C.

"La dependance des solutions des equations hyperboliques par rapport aux coefficients et aux donnees sur les caracteristiques." Revue de Mathematiques Pures et Appliquees, Vol i, No. i, 1956.

CORDUNEANU, C.

Corduneanu, C. Quelques considérations concernant certains systèmes non linéaires d'équations différentielles.
Acad. R. P. Roum. Fil. Iasi. Stud. Cerc. Sti. Mat. 7 (1956), no. 2, 13-32. (Romanian. Russian and French summaries)

In the first part of this paper, the author investigates the system (*) $dx_i/dt = f_i(t, x_1, \dots, x_n) + g_i(t, x_1, \dots, x_n)$ ($i=1, \dots, n$) under the following conditions: (i) f_i and g_i are continuous for $t \geq 0$ and for all real x_i ; (ii) $f_i(t, 0) + g_i(t, 0, \dots, 0)$ are bounded on $t \geq 0$; (iii) there exist positive numbers m and M so that for each $i=1, \dots, n$ either $-M \leq \partial f_i / \partial x_i \leq -m$ or $m \leq \partial f_i / \partial x_i \leq M$; (iv) the g_i satisfy a Lipschitz condition, and the Lipschitz constant is $< m/n$. Under these conditions the author establishes the existence, and some properties, of bounded solutions. He investigates the stability of these solutions, and extends his investigations to the case $-\infty < t < \infty$ and to the case where the x_i are restricted to a bounded region, $\sum |x_i| \leq a$.

In the second part of the paper he investigates similarly the system obtained by replacing dx_i/dt in (*) by d^2x_i/dt^2 .
A. Erdélyi (Pasadena, Calif.)

CORDINEANU, C.

On the theory of stability. In French. p. 497.

REVUE DE MATHEMATIQUES PURES ET APPLIQUEES. JOURNAL OF PURE AND APPLIED
MATHEMATICS. (Academia Republicii Populare Romine) Bucuresti. Rumania.
Vol 2, 1957.

Monthly List of East European Accessions (EEAL LC VOL. 9, no. 1, January 1960.
UNCL

CORDUNEANU, C.

2
Corduneanu, C. Systèmes différentiels admettant des solutions bornées. Acad. R. P. Romine. Fil. Iași. Stud. Cerc. Ști. Mat. 8 (1957), no. 2, 107-126. (Romanian. Russian and French summaries)

The author investigates the system $dx_i/dt = f_i(t, x_1, \dots, x_n)$ ($i=1, \dots, n$) under conditions similar to those mentioned in the preceding review. In the present paper he establishes in particular the existence of solutions satisfying certain initial conditions, and the existence of periodic solutions in case the f_i are periodic functions of t . In a typical case, he considers an operator A which, operating on (u_1, \dots, u_n) , results in (y_1, \dots, y_n) , where $dy_i/dt = \pm My_i + f_i(t, u_1, \dots, u_n) \mp Mu_i$ ($i=1, \dots, n$); here the upper signs are to be taken, and y_i is bounded as $t \rightarrow +\infty$, if f_i satisfies the second of the inequalities under (iii) of the preceding review, and the lower signs are taken and $y_i(0)=0$ if f_i satisfies the first of those inequalities. The solution (x_1, \dots, x_n) is a fixed point of this operator. As in the paper reviewed above, the investigations are extended to second order systems.

A. Erdélyi (Pasadena, Calif.)

COF DUNEANU, C.

Existence of limited solutions to certain differential equations of
the second order. p. 127.

Academia Republicii Populare Romine. Filiala Iasi. STUDII SI
CERCETARI STIINTIFICE. MATEMATICA. Iasi, Rumania. Vol. 8, no. 2
1957

Monthly list of East European Accessions (EEAI) LC Vol 8, No. 6, June 1959
Uncl.

CORDUNEANU, C.

2
16
CORDUNEANU, C. Systèmes d'équations différentielles dont toutes les solutions sont bornées. Acad. R. P. Romine. Bul. Sti. Sect. Sti. Mat. Fiz. 9 (1957), 315-320. (Romanian. Russian and French summaries)

The author considers systems $\dot{x} = X(t, x) + f(t, x)$ where X and f are continuous for $t \geq 0$ and all x . In the general case and when $X(t, x)$ is linear in x he proves that all solutions are bounded as $t \rightarrow \infty$ provided X and f satisfy certain conditions which imply that all solutions of $\dot{y} = X(t, y)$ are bounded as $t \rightarrow \infty$ and that f remains small in some sense for small enough $\|x\|$ and all $t \geq 0$. This extends results of Vinograd [Uspehi Mat. Nauk (N.S.) 8 no. 1(53) (1953), 115-120; MR 16, 132], Szmydt [Ann. Polon. Math. 2 (1955), 234-236; MR 17, 616], Conti [Riv. Mat. Univ. Parma 6 (1955), 3-35; MR 17, 969], and the reviewer [J. London Math. Soc. 31 (1956), 208-212; MR 18, 42].

H. A. Antosiewicz (Los Angeles, Calif.)

CORONEANU, C.

Differential equations in the Banach space; applicability of the Wazewski topologic principle. p. 101

Academia Republicii Populare Romine. Filiala Iasi. STUDII SI
CERCETARI STIINTIFICE. MATEMATICA. Iasi, Rumania. Vol 9, no. 1
1958

Monthly list of East European Accessions (EEAI) LC Vol 8, No. 6, June 1959
Uncl.

37590

S/044/62/000/004/027/099
C111/C444

16 2400

AUTHOR: Corduneanu, C.

TITLE: On the asymptotic stability II

PERIODICAL: Referativnyy zhurnal, Matematika, no. 4, 1962, 36, 37,
abstract 4B163. (Studii și cercetări științ. Acad. RPR
Fill. Iași, Mat., 1959, 10, no. 2, 209 - 213)

TEXT: For part I see RZhMat, 1960, 12797. The system

$$\dot{x} = f(t, x) \quad (1)$$

and the perturbed system

$$\dot{x} = f(t, x) + R(t, x) \quad (2)$$

are defined for $t > 0$, $\|x\| < a$ ($a > 0$), satisfying the conditions for the uniqueness of the solution. For system (1) there exists a Lyapunov function $V(t, x)$ which satisfies the conditions

$$A \|x\|^\alpha \leq V(t, x) \leq B \|x\|^\alpha,$$

$$\frac{\partial V}{\partial t} + (f \cdot \text{grad } V) \leq -C \|x\|^{\alpha+m-1}, \quad \|\text{grad } V\| \leq L \|x\|^{\alpha-1},$$

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C111/C444

On the asymptotic stability II

where A, B, C are positive constants, α and $m \geq 1$. Besides one supposes that $\|R(t, x)\| \leq \omega(t, \|x\|^m)$, where $\omega(t, y)$ is non-negative for $t \geq 0, 0 \leq y < a$, non-decreasing with respect to y , and $\omega(t, 0) = 0$. The author proves that if the trivial solution of the equation

$$\alpha \frac{dy}{dt} = -C \left(\frac{A}{B} \right)^{\frac{\alpha+m-1}{\alpha}} y^m + L\omega(t, y^m)$$

is asymptotically stable under these suppositions, then the trivial solution of the perturbed system (2) is asymptotically stable as well.

[Abstracter's note: Complete translation.]

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69492

S/020/60/131/04/05/073

3400

AUTHOR: Corduneanu, C.

TITLE: On the Existence of Bounded Solutions for Some Non-linear Differential Systems ✓

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol.131, No.4, pp.735-737.

TEXT: The author considers the system

$$(1) \quad \frac{dx_i}{dt} = f_i(t, x_1, \dots, x_n) + R_i(t, x_1, \dots, x_n), \quad 1 \leq i \leq n,$$

where the f_i are continuous on $\bar{D} : t \geq 0, \|x\| \leq h, f_i(t, 0, \dots, 0) \geq 0$, the

$\frac{\partial f_i}{\partial x_j} \quad 1 \leq j \leq i \leq n$ are continuous and bounded in \bar{D} , and the R_i are continuous in \bar{D} and there they satisfy the Lipschitz condition

$$(2) \quad |R_i(t, x_1, \dots, x_n) - R_i(t, \bar{x}_1, \dots, \bar{x}_n)| \leq L \|x - \bar{x}\|.$$

Furthermore it is assumed that to every i there exists a function $a_i(t)$ continuous on $t \geq 0$, where either

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On the Existence of Bounded Solutions for
Some Non-linear Differential Systems

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(A) $\exp\left\{\int_0^t a_i(\tau)d\tau\right\}$ and $\int_0^t \exp\left\{\int_\tau^t a_i(\theta)d\theta\right\}d\tau$ are bounded on $t \geq 0$ or

(B) $\exp\left\{\int_0^t a_i(\tau)d\tau\right\}$ is unbounded but $\int_t^\infty \exp\left\{\int_\tau^t a_i(\theta)d\theta\right\}d\tau$ is bounded on $t \geq 0$; here let $\frac{\partial f_i}{\partial x_i} \leq a_i(t)$ in the case (A) and $\frac{\partial f_i}{\partial x_i} \geq a_i(t)$ in the case (B).

Let i_A denote an index i for which $a_i(t)$ has the properties (A).

It is shown (theorem 1) that under the given assumptions the system (1) has a unique solution in \bar{A} for sufficiently small initial conditions

(3) $x_i(0) = x_i^{(0)}, \quad i=i_A$

and for a sufficiently small L . If the indices i_A are missing then (1) has a unique solution in \bar{A} . Under more general assumptions (e.g. R_i only continuous) one obtains a weaker (only existence) assertion (theorem 2).
Given the system

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On the Existence of Bounded Solutions for
Some Non-linear Differential Systems

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$$(9) \quad \frac{dx_i}{dt} = f_i(t, x_1, \dots, x_n), \quad 1 \leq i \leq n,$$

where f_i is continuous in \bar{A} , $\frac{\partial f_i}{\partial x_i}$ is continuous in \bar{A} and

$f_i(t, x_1, \dots, x_{i-1}, 0, x_{i+1}, \dots, x_n)$ is sufficiently small in \bar{A} . Then (9)-(3) has at least one solution situated in \bar{A} which is defined on $t \geq 0$ (theorem 3). The author mentions Tikhonov. There are 2 non-Soviet references.

ASSOCIATION: Matematicheskiy seminar im. A. Millera pri Yasskom universitete,
Yassy, Rumyniya (Mathematical Seminar im. A. Miller, Yassy
University, Yassy, Roumania)

PRESENTED: December 3, 1959, by I. G. Petrovskiy, Academician

SUBMITTED: August 6, 1959

X

Card 3/3

~~CONFIDENTIAL~~ C.

On asymptotic stability. II. Rev math pures 5 no.3/4:573-576 '60.
(EEAI 10:5)

1. Seminaire Mathematique "A.Myller" de l'Universite de Jassy.
(Stability) (Asymptotes)

CORE UNEANU, C.

On the structure of Liapounoff functions. Bul Ac Pol mat
10 no.11:559-563 '62.

1. Seminaire Mathematique A. Myller, Universite de Jassy, Jassy,
Republique Populaire Roumaine. Presented by T. Wazewski.

CORDUNEANU, C., conf. univ. (Iasi)

Czechoslovak Conference on Differential Equations
and their application. Gaz mat fiz 15 no.1:53 Ja '63.

GORDUNEANU, G., conf. univ. (Iasi)

Liapunov theorem of stability on the first approximation.
Gaz mat fiz 15 no.12:681-686 D '63.

L 17106-65 EWT(d)/EWA(m)-2 LJP(c)/ASD(a)-5/AFWL/AFETR/ESD(d)

ACCESSION NR: AP4045047

R/0021/64/009/003/0229/0239

AUTHOR: Corduneanu, C.

TITLE: Partial stability 10

SOURCE: Revue Roumaine de mathematiques pures et appliquees, v. 9, no. 3, 1964, 229-236

TOPIC TAGS: differential equation, equation stability, partial stability, linear differential equation, ordinary differential equation

ABSTRACT: The paper presents generalizations of the classical theorems on stability based on a comparison of a system of differentials with a single scalar differential equation. This method is applied to a study of the partial stability of a system of differential equations. More specifically, the paper considers the system

$$\frac{dx}{dt} = f(t, x, y), \quad \frac{dy}{dt} = g(t, y), \quad (1)$$

where x and f are n -vectors and y and g are m -vectors. The following assumptions are imposed: (a) The functions f and g are continuous on the set

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$$t \geq 0, \|x\| \leq \lambda < +\infty, \|y\| \leq +\infty, \quad (2)$$

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(b) The system (S) admits the solution $x = 0, y = 0$, i. e.,

$$f(t, 0, 0) = 0, \quad g(t, 0, 0) = 0, \quad t \geq 0. \quad (3)$$

(c) For any point $(t_0, x_0, y_0) \in \Delta$, there exists exactly one solution of the system (S) such that

$$x(t_0) = x_0, \quad y(t_0) = y_0. \quad (4)$$

A solution of the system (S) for $x = 0, y = 0$ is called partially stable if for $\epsilon > 0$ ($\epsilon < h$) and $t_0 \geq 0$, there is $\delta(\epsilon, t_0) > 0$ such that $\|x_0\| + \|y_0\| < \delta$; $t \geq t_0$ implies $\|x(t; t_0, x_0, y_0)\| < \epsilon$. If, under similar conditions $\lim_{t \rightarrow \infty} \|x(t; t_0, x_0, y_0)\| = 0$, then the solution is called asymptotically partially stable. Similar definitions are given for uniformly partially stable and uniformly, asymptotically, partially stable solutions. Necessary and sufficient conditions are proven for a solution (S) to possess any one of the four types of partial stability. Orig. art. has: 21 formulas.

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L 17106-65

ACCESSION NR: AP4045047

ASSOCIATION: Seminaire Mathematique de l'Universite d'Jassy (Mathematical
Seminar of the University of Jassy)

SUBMITTED: 20 Nov 83 ENCL: 00

SUB CODE: MA

NO REF SOV: 01 OTHER: 000

Card 3/3

ROMANIA

ATHANASESCU I.; COREANU, G.; WEISS, St.; COȚOIU, P.

Surgical Clinic I (Clinica I-a Chirurgicala); Director:
Professor Dr I. Danicico - (for all)

Timisoara, Timisoara Medicala, No 1, Jan-Jun 63, pp 47-56

"Observations on Primary Gastric Resections with Gastroduodenal
Reconstruction in a Single Layer." (Report presented to the
Society of Medical Sciences, Surgery Section, on 30 January 1963.)

4

GAVRILESCU, S., dr., candidat in stiinte medicale; ATHANASESCU, I., dr.,
candidat in stiinte medicale; STREIANU, C, dr.; COREANU, Gabriela, dr.;
STANGIU, I., dr.

Aortic valvulography during prolonged diastole, an experimental
method of study of aortic regurgitation. Med. intern. (Bucur.)
15 no.4:435-439 Ap'64.

1. Laboratorul de explorari functionale al Clinicii I medicala,
Timisoara (director: prof. H. Aubert) si Serviciul de radiologie
al Spitalului clinic orazeneacs nr.1, Timisoara.

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GAVRILESCU, S., dr.; BACANU, Gh., dr.; COREANU, Gabriela, dr.; ANGHELESCU, Lucia, dr.

Considerations on some bone changes in diabetic gangrene. Med. intern. (Bucur.) 16 no.11:1351-1357 N '64

1. Lucrare efectuata in Clinica I medicala, I.M., Timisoara.

CORFARIU, O., dr.; CSONTOS, A., dr.

Changes in the catalase index in asthenic neurosis as related
to prolonged treatment with glucose. Neurologia (Bucur) 10 no.1:
45-48 Ja-F'65.

1. Lucrare efectuata in Policlinica nr. 2, din Tirgu Mures.

CORIC, Milorad

Analysis of the factors which explain the difference in price of a domestic and foreign rubber product. Produktivnost 3 no.5:331-338 My '61.

1. Saradnik Zavoda za produktivnost rada grada Beograda.

CORIC, V.

"Vrsac Constituent Assembly of the Model Plane Association" p. 2

"Urging independence of aeroclubs." p. 2

"The 46th General Conference of the International Aeronautic Federation." p. 2
(Aero Svet. Vol. 3, no. 41, June 1953. Beograd.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954.
Uncl.

CORIC, V.

"Intercity model contest in Kosovska Mitrovica." p. 2. (Aero Svet. Vol. 3, no. 48, Sept. 1953 Beograd.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954.
Uncl.

CORICI, L.

Considerations on the production of synthetic rubber, especially of the butadiene styrenic and butadiene methylstyrenic varieties. p.213

INDUSTRIA USOARA. (Asociatia Stintifica a Inginerilor si Tehnicienilor din Romania si Departmentul Industriei Usoare din Ministerului Industriei Bunurilor de Consum)
Bucuresti, Romania
Vol. 6, no.6, June 1959

Monthly List of East European Accessions (EEAI) LC., Vol. 9, no.1, Jan. 1960
Uncl.

CIUCA, M., Academician; SOLOMON, L.; CORNELSON, D.; UNGHUREANU, E.;
LUPASCU, Gh.; RADACOVICI, E.; DUPORT, M.; GORIJESCU, V.

Malaria in the Rumanian People's Republic, 1948-1953.
Bul. st. int. sect. med. 8 no.1:227-264 Jan-Mar 56.

(MALARIA, epidemiol.
in Rumania)

I 33720-66
ACC NR: AP6Q25156

SOURCE CODE: RU/0012/65/061/004/0587/0590

AUTHOR: Corini, V. (Doctor; Captain)

ORG: none

TITLE: Treatment of incipient forms of isolated varices

SOURCE: Revista sanitara militara, v. 61, no. 4, 1965, 587-590

TOPIC TAGS: surgery, circulatory system disease

ABSTRACT: The author summarizes the main accepted methods of treating isolated varices, giving indications for the use of each. He points out that in Rumania the sclerosing treatment favored by French scientists is not normally used, the usual method being radical surgical treatment. (JPRS: 33,500)

SUB CODE: 06/ SUBM DATE: 20May65/ ORIG REF: 001/ OTH REF: 006

GORLACIU, Ion

In the third month. Constr Buc 16 no.742:2 28 March 1964.

1. Subredactia voluntar, Turda.

CORLAN, Gr.; BORCAN, C.; ION, M.

Mechanization of forest exploitation works, and im- -tant
factor in the wooden mass valorization. Probleme econ 17
no.9:106-118 S '64.

CORLATEANU ELENA

ROMANIA/Kinetics - Combustion. Explosions. Topochemistry.
Catalysis.

B-9

Abs Jour : Referat Zhur - Khimiya, No 6, 1957, 18630

Author : V. Diaconescu, Em. Poppel, Dorel Feldman, Elena
Corlateanu.

Inst : Jassy Polytechnical Institute.

Title : Production of Vanadium Catalysts for Sulfuric Acid
Manufacturing.

Orig Pub : Bul. Inst. politehn. Iasi, 1955, I, No 1-2, 53-66.

Abstract : For the production of vanadium catalysts for the oxidation of SO_2 into SO_3 in the contact production of H_2SO_4 , carriers prepared of Romanian raw materials and possessing high physical-mechanical properties are used. The carriers are saturated with potassium vanadate prepared by regeneration from spent contact mass of the following composition (in %): SiO_2 - 58.10, Al_2O_3 - 7.16, Na_2O - 10.01,

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- 266 -

ROMANIA/Kinetics - Combustion. Explosions. Topochemistry .
Catalysis.

B-9

Abs Jour : Referat Zhur - Khimiya, No 6, 1957, 18630

SO_2 - 15.62, K_2O - 3.19, V_2O_5 - 5.92. Under laboratory

conditions at 445 to 460°, the transformation degree of SO_2 attains 98% at SO_2 concentration of 7%, which is normal for sulfur dioxide produced by calcination of pyrite in automatic kilns. The contact time τ is close to τ for various vanadium catalysts used in the sulfuric acid manufacturing.

Card 2/2

- 267 -

CORLATEANU, E

RUMANIA / Chemistry of High Molecular Substances.

I

Abs Jour : Ref. Zhur - Khimiya, No 3, 1958, 10193

Author : Chicos, Mihail, Corlateanu

Inst : Not given

Title : Ethylene Polymerization with Metallic Oxide Catalysts.

Orig Pub : Rev. chim., 1957, 8, No 6, 406-409

Abstract : Relatively low molecular weight polymers were isolated in the polymerization of Phillips polyethylene with a catalyst obtained by applying CrO_3 on $\text{SiO}_2\text{-Al}_2\text{O}_3$. Polymers with M.W. from 30,000-70,000 were obtained by use of multicomponent catalysts which contain other metallic oxides besides CrO_3 .

Card 1/1

JIANU, Iancu, prof.; NEMESCU, I.I., prof.; SCHIAU, S.; PAPAZIAN, R.;
STOICA; GIOSAN, E.; CORLATEANU, G.; BROSTEANU, R.; TEORDORINI, Sanda

The functional value of atrium diverticula as "ultimum moriens" of
the heart. Some aspects of the resuscitation problem with description
of an apparatus. Rumanian M Rev. no.1:175-179 Ja-Mr '61.

(RESUSCITATION equipment and supplies)

(HEART ARREST therapy)

(HEART SURGERY complications)

RUMANIA / Chemical Technology. Chemical Products and H-29
Their Application. Plastics.

Abs Jour: Ref Zhur-Khimiya, No 1,,1959, 2973.

Author : Corlateanu, P.
Inst : Not given.
Title : Polyethylene.

Orig Pub: Tehn. noua, 1958, 5, No 151, 5.

Abstract: A brief review on methods for preparing poly-
ethylene of a high, medium and low pressure,
the nature of the polyethylenes obtained and
their application. -L. Pesin.

Card 1/1

RUMANIA / High Molecular Chemistry.

I

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 14113.

Author : Mihail, R.; Bittman, S.; Corlateanu, P.

Inst : Not given.

Title : Polymerization of Ethylene by Means of Aluminum-alkyls. Characteristic Factors.

Orig Pub: Studii si cercetari chim., 1958, 6, No 1, 37-50.

Abstract: Methods for the regulation of the gram-molecular weight of polyethylene obtained by means of systems of $TiCl_4$ -aluminumalkyls (AA) were tested. [AA equals $Al(C_2H_5)_3$; $Al(C_2H_5)_2Cl$; $1/2AlC_2H_5Cl_2$.] It was found that the internal viscosity of the polymer decreases with the increase of the relative quantity of $TiCl_4$ (in the area of surplus of AA), and with an increase in the temperature of polymer-

Card 1/2

RUMANIA / High Molecular Chemistry.

I

Abs Jour: Ref Zhur-Khamiya, 1959, No 4, 14113.

Abstract: ization (in the 40-70° interval). The internal viscosity of polyethylene increases with the increase in concentration of AA (in the interval from 0.2-0.5% $\text{Al}(\text{C}_2\text{H}_5)_2\text{Cl}$ in the solvent), and with the increase in content of the alkyl groups in AA. An increase in viscosity also indicated an increase of conversion. -- A. Arest-Yakubovich.

- END -

Card 2/2

147

15(8)

RUM/3-59-10-11/16

AUTHORS: Mihail, R.; Corlăteanu, P.; Chicos, I. and
Ionescu, Al. Gh.

TITLE: The Polymerization of Ethylene With Metallic
Oxides Without a Solvent

PERIODICAL: Revista de Chimie, 1959, Vol 10, Nr 10, pp 593-596

ABSTRACT: Experiments on the polymerization of ethylene
were conducted at ICECHIM at a pressure of 35
atmospheres and a temperature of 100-150°C, using
as catalyst a chrome oxide supported by silicon
aluminum. Figure 5 shows the schematic flow chart
for polymerization of ethylene when a solvent is
used. When a solvent is not used, the following
installations are not necessary: A storage tank
for storing the solvent; a pump for introducing
the solvent in the reactor; and an installation
for the recuperation of the solvent containing
an evaporator, a condensation system, a cooling
device, a storage tank, and a tower and pump for

Card 1/2

RUM/3-59-10-11/16

The Polymerization of Ethylene With Metallic Oxides Without a Solvent

the solvent. The idea of replacing the solvent by oxide catalysts was the result of systematic experiments. The procedure in which polymerization of ethylene uses oxide catalysts instead of a solvent has advantages based on a new reaction mechanism. The elimination of some raw materials and a simplified technological scheme are the main advantages of the new procedure. This procedure also makes it possible to obtain new types of polymers in the future. There are 2 graphs, 2 diagrams and 1 flow chart.

Card 2/2

CORLATEANU, P.

7
The polymerization of ethylene with oxide catalysts in the absence of solvent. H. Mihail, I. Chiriac, and P. Corlateanu (Petrochim. Ind., Bucharest, Romania), *Angew. Chem.* 71, 125-6 (1958); cf. *Rev. chim.* (Bucharest) 9, 430 (1958).—Since the polymerization of C_2H_4 with oxide catalysts increases markedly with the mol. wt. of the hydrocarbon solvent and also with the partial pressure of C_2H_4 , liquid polyethylene should be an ideal solvent except for subsequent separ. difficulties. A 300 cc. rotating autoclave was charged with 100 g. of polyethylene (Lupolen H, mol. wt. 22,000) and 5 g. of CrO_3 catalyst, supported on $SiO_2 \cdot Al_2O_3$ and activated with $LiAlH_4$, and heated to 140° . C_2H_4 was introduced for 2 hrs. at 40 atm. On cooling, the product (125 g.) was a senje cylindrical block, separable into a catalyst zone, a Lupolen H zone, and the zone of the polyethylene reaction product (mol. wt. 30,000).

A. J. Sturten

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CORLATEANU, V., and others

"Parallel operation of generators with direct current and mercury-arc rectifiers", p. 49; "Journal on science issued by the Iasi Branch, Rumanian Academy; with French and Russian summaries. Quarterly". (STUDII SI CERCETARI STIINTIFICE, Vol 5, no. 1/2, Jan/ June 1954, Filiala Iasi.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.

CORLATEANU, V.; SERBAN, GH.; VASILCIUC, M.

Contribution to the study of harmonic 3 in three-phase converters with forced magnetic flux and Yy connections in symmetrical functionings. Pts. 1-2. p. 11.

STUDII SI CERCEATARI STIINTIFICE. FIZICA SI STIINTE TEHNICE. (Academia Republicii Populare Romine. Filiala Iasi) Iasi, Rumania. Vol. 8, no. 1, 1957.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

CORLATEANU, V.

Organization of electrical engineering and electric power in Poland.
p. 209.

STUDII SI CERCEȚARI ȘTIINȚIFICE. FIZICĂ ȘI ȘTIINȚE TEHNICE.
Iasi, Rumania, Vol. 8, no. 2, 1957

Monthly list of European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

CORLATEANU, Vasile; MURGU, Zaira; SÂIRBU, Vasile

Diagram of the current in asynchronous motors in short circuit. Rev
electrotechn energet 4 no.2:275-293 '59. (EEAI 10:1)
(Electric motors, Induction) (Short circuits)

BOTAN, N.; CORLATIANU, V.

A conference on the rural and agricultural electrification of
the Iasi region. Studii fiz tehn Iasi 10 no.1:123-124 '59 (EAI 9:3)
(Rural electrification) (Electricity in agriculture)

SAVIUC, Victor; CORLATEANU, Vasile, prof.; MURGU, Zaira

Transitory processes in coupling the single-phase transformers.
Studii fiz tehn Iasi 10 no.2:159-176 '59. (EEAI 9:9)

1. Comitetul de redactie, Studii si cercetari stiintifice,
Fizica si stiinte tehnice, Filiala Iasi, Academia Republicii
Populare Romine (for Corlateanu)
(Electric transformers)

SAVIUC, Victor; COMLATEANU, Vasile, prof. MURGU, Zaira

Transitory processes during the connecting and disconnecting of single-phase transformers functioning under a capacitive load. Studii fiz tehn Iasi 11 no.1:39-50 '60. (EEAT 10:3)

1. Comitetul de redactie, Studii si cercetari stiintifice, Fizica si stiinte tehnice, Membru (for Comlateanu)
(Electric transformers) (Electric switchgear)

SAVIUC, V.; CORLATEANU, Vasile, prof.; MURGU, Zaira

Transitional conditions in the switching on of three-phase transformers. Studii fiz tehn Iasi 11 no.2:215-228 '60.

1. Comitetul de redactie, "Studii si cercetari stiintifice, fizica si stiinte tehnice (Academia RPR, Filiala Iasi] (for Corlateanu).

(Electric transformers)

(Electric currents, Alternating)

CORLATEANU, V.; FILIPCIUC, I.; SERBAN, Gh.; SAVIUC, V.

Performance of a nonsymmetrical, general-series, double-fed synchronous machine. Studii fiz tehn Iasi 12 no.1:45-66 '61.

CORLATEANU, V.

"Electric machines. Problems. Vol. I. The continuous-current machines. Transformers" by academician I. S. Gheorghiu. Reviewed by V. Corlateanu. Studii fiz tehn Iasi 12 no.1:172-175 '61.

CORLATEANU, V., prof.; SAVIUC, Victor; MURGU, Zaira

Experimental results obtained in connecting the single-phase transformer. Studii fiz tehn Iasi 12 no.2:215-234 '61.

1. Membru al Comitetului de redacție, "Studii și cercetări științifice, Fizica și științe tehnice" - Filiala Iasi - (for Corlateanu).

CORLATEANU, V., prof.; BERGMAN, Iosif; SERBAN, Gh.; LEONTE, P.; STIRBU, V.

Self-excitation of the three-phase machine with collector, fed by a stator with three brushes on the couple of the poles. Running of the self-excited machines having a load in series with primary circuit. Studii fiz tehn Iasi 12 no.2:249-265 '61.

1. Institutul politehnic, Iasi, Catedra de masuri si masini electrice, Laboratorul de masini electrice. 2. Membru al Comitetului de redactie, "Studii si cercetari stiintifice, Fizica si stiinte tehnice" -Filiala Iasi- (for Corlateanu).

BERGMAN, I.; CORLATEANU, V., prof.; SERBAN, Ch.; LEONTE, P.; STIRBU, V.

Some observations on the running of the three-phase machines with collector, fed by stator, under the working conditions of a generator. Studii fiz tehn Iasi 12 no.2:375-38! '61.

1. Membru al Comitetului de redactie, "Studii si cercetari stiintifice, Fizica si stiinte tehnice" -Filiala Iasi- (for Corlateanu).

CORLATEANU, Vasile, dr. ing. (Iasi); BERGMAN, Iosif, ing. (Iasi)

Self-excitation of three-phase machines with commutator;
theoretical considerations. Electrotehnica 10 no.7:250-256
Jl. '62.

1. Profesor de masini electrice la Institutul politehnic, Iasi,
si conducatorul sectiei de cercetari tehnice a Academiei
R.P.R., filiala Iasi (for Corlateanu). 2. Asistent la
Institutul politehnic, Iasi (for Bergman).

CORLATEANU, Vasile, prof. dr. ing. (Iasi); BERGMAN, Iosif, ing. (Iasi)

Self-excitation of three-phase commutator machines; experimental considerations. Electrotehnica 10 no.8:294-303 Ag '62.

1. Profesor de masini electrice la Institutul Politehnic, Iasi, si conducatorul sectiei de cercetari tehnice a Academiei R.P.R. Filiala Iasi (for Corlateanu). 2. Asistent la Institutul Politehnic, Iasi (for Bergman).

~~CONSTANTIN~~ Vasile, prof. dr. ing. (Bucuresti)

Modern systems of excitation and regulation of synchronous machine
tension. Electrotehnica 11 no.3:81-86 Mr '63.

1. Specialist la Institutul de studii si proiectari energetice.

CORLATEANU, Vasile, prof.

"Electric networks. Electric computation" by N. Botan, E. Constantinescu, and A. Pezata. Reviewed by V. Corlateanu. Studii fiz tehn Iasi 13 no.1:139-140 '62.

1. Membru al Comitetului de redactie, "Studii si cercetari stiintifice, Fizica si stiinte tehnice" - Filiala Iasi.

CORLATEANU, Vasile, prof. dr. ing. (Bucuresti)

New trends in design and construction of high power synchronous machines. Electrotehnica 11 no;2:41-49 F '63.

1. Specialist la Institutul de studii si proiectari energetice.

CORLATEANU, V., dr. ing.; MURGU, Zaira, ing.

Asynchronous generator used in micro power plants. Energetica
Rev 11 no.9:492-495 S '63.

CORLATEANU, Vasile, prof. dr. ing. (Bucuresti); MURGU, Zaira, ing. (Iasi)

Transitory regimes in the switching of three-phase transformers. Elektrotehnica 11 no.9:321-328 1963.

1. Specialist la ISPE, Bucuresti (for Corlateanu). 2. Cercetator la Academia R.P.R., filiala Iasi (for Murgu).

CORLATEANU, V.

"Special electric machines" by M. Sand. Vol. 1. Reviewed by V. Corlateanu.
Electrotehnica 12 no.8:307-308 Ag 1964.

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| 1 1037-66 | | KPA(s)-2/ETC/EMO(m)/BMA(h) WW | |
| ACCESSION NR: AP5025943 | | RU 0004/65/000/004/0128/0139 | |
| AUTHOR: Corlateanu, Vasile (Professor, Doctor, Engineer, Specialist); Rothman, Aurel (Planning engineer) | | | |
| TITLE: Present trends in the construction of turbo-generators | | 26 | 13 |
| SOURCE: Electrotehnica, no. 4, 1965, 128-139 | | | |
| TOPIC TAGS: generator, electric rotating equipment part, electric power engineering | | | |
| ABSTRACT: A survey of the factors limiting the weight, volume and technical characteristics of turbogenerator rotors, and of the design and manufacturing solutions adopted in various countries to achieve the highest possible power. Orig. art. has: 13 figures, 2 graphs and 8 tables. | | | |
| ASSOCIATION: ISPE | | | |
| SUBMITTED: 21 Jan 65 | | ENCL: 00 | SUB CODE: EE |
| NR REF SOV: 003 | | OTHER: 022 | JFRS |
| Card 1/1 | | | |

BREZINCAK, Marijan, ins.; CORLUKIC, Filip. dipl. fiz.

Seminar and exhibition "JUREMA 1962." Tesla 9 no.3:66-67
'62.

COBLUKIC, Filip, dipl. fiz.

Automation of the existing paper-making machinery. Automatika
4 no.1:46-51 '63.

1. Tvornica papira, Zagreb.

CORLUKIC, Filip

The 1963 Exhibition of Control and Measuring Devices of the
Yugoslav Seminar on Regulation, Measurements, and Automation.
Automatika 4 no.4:273-274 '63.

GORLUKIC, Filip, dipl. fiz.

Adjustment of automatic controllers in operation. Automatika 5
no.3:187-192 *64

1. Zagreb Paper Mill, Zagreb.

I-64578-65

ACCESSION NR: AP5023135

RU/0012/61/000/001/0685/0690

AUTHOR: Uzon, I. (Lieutenant Colonel, Physician); Voiculescu, D. (Lieutenant Colonel, Physician); Bota, St. (Major, Physician); Corman, T. (Major, Physician)

TITLE: Criteria of hospitalization in the Territory of the Târnăveni Military Hospital 1962-1963

SOURCE: Revista sanitara militara, no. 4, 1964, 685-690

TOPIC TAGS: military medicine, disease incidence

ABSTRACT: Study of records of 494 healthy and 435 ill members of the armed forces, all hospitalized during this period: the former were artefactual tuberculin reactors (396,) tuberculosis contacts (98,) the latter were 133 gastroenteritis, 174 epidemic hepatitis, 48 peptic ulcer, 48 tuberculosis, 20 chronic hepatitis and 12 asthenic neurosis.

Orig. art. has: 1 table.

ASSOCIATION: none

Card 1/2

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| L 64578-65 | | |
| ACCESSION NR: AP5023135 | | |
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| NR REF SOV: 000 | OTHER: 004 | JF 18 |
| Card 2/2 | | |

SIILBERG, Alexandru; FRENKEL, Zoltan; CORMOS, Liviu

Contributions to the study of thiazoles. Pt. 3. Studia Univ B-B
S. Chem 7 no.2:23-30 '62.

SILBERG, Alexandru; FENKEL, Zoltan; COMOS, Liviu

Contributions to the study of thiazoles. Pt.4. Studia Univ.
B-B S Chem 8 no.1:273-281 '63

1. "Babes-Bolyai" University, Cluj

SILBERG, Alexandru; FRONKEL, Zoltan; COORMAS, Jiviu

Contributions to the study on thiazoles. Pt. 6. Studia
Univ B-B S. Cher 3 no. 212-219 1963.

SILBERG, A.; HAMBURG, Erica; FRENKEL, Z.; CORMOS, L.

Contributions to the study of thiazoles. Pt. 7. Rev chimie Roum 9
no.3:215-228 Mr '64.

1. Laboratory of Organic Chemistry, Faculty of Chemistry, Babes-
Bolyai University, Cluj.

RUMANIA / Microbiology. Microorganisms Pathogenic to Humans and F-5
Animals.

Abs Jour : Ref Zhur + Biol., No 20, 1958, No. 90953

Author : Gheorghiu, I., ~~Cormus, D.~~

Inst : The Pasteur Institute for Sera and Vaccines, Bucharest

Title : Preservation of Tetanus Toxoid in Blood Serum of Sheep
after Injection with Antitetanus Serum by Different Routes

Orig Pub : Anuarul Inst. seruri si vacc. Pasteur Bucuresti, 1957,
2, 195-207 (Rumanian; res. Russ., Fr., Ger.)

Abstract : No abstract given

Card 1/1

CORNA, O.

CZECHOSLOVAKIA

Engr

Institute for Scientific Research in Geology-Geography
(Vedeckovyskumny ustav geol.-geograf.) of the Department
of Natural Sciences (Prirodovedecka fakulta) of UK
(Comenius University - Universita Komenskeho).

Bratislava, Geologicky Sbornik, No. 2, 1962, pp 187-196

"Findings of Permian Sporomorphes in Little Carpathians"

Co-author:

→ ILAVSKA, Z., PhD, Geological Laboratory of SAV
(Slovak Academy of Sciences - Slovenska Akademia
Vied), addr.: ul. Obrancov mieru 41, Bratislava

CORNEA, A.

On a formula in the theory of limits. In German. p. 431.

REVUE DE MATHEMATIQUES PURES ET APPLIQUEES. JOURNAL OF PURE AND APPLIED
MATHEMATICS. (Academia Republicii Populare Romine) Bucuressti, Rumania.
Vol. 3, no. 3, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

CONSTANTINESCU, C.; CORNEA, A.

On the Martin ideal boundary of a Riemann surface. Rev math pures 5
no.1:21-25 '60. (REV 10:9)

(Fields, Algebraic) (Potential, Theory of)
(Riemann surfaces) (Harmonic functions)
(Topology)

CONSTANTINESCU, C.; CORNEA, A.

Spaces of harmonic functions on Riemann surfaces. Rev math pures 6
no.2:373-390 '61.

CONSTANTINESCU, C.; CORNEA, A.

Analytic representations of Riemann planes. Rev math pures 8
no.1:67-72 '63.

CONSTANTINESCU, G.; CORNEA, A.

Normal compactification of Riemann planes. Rev math pures 8
no.1:73-75 '63.

CONSTANTINESCU, C.; CORNEA, A.

Ideal limits of the Riemann surfaces. Rev math pures 8
no. 2:227-242 '63.

BOBOC, N.; CONSTANTINESCU, C.; CORNEA, A.

"Lectures on potential theory" by M. Brelot. Reviewed by
N. Boboc, C. Constantinescu, A. Cornea. Rev math pures 8
no.1:211 '63.